

UTILITY APPLICATION	Attorney Docket No.: DATUMTE.017A
	First Named Inventor: McAdam, et. al.
	Title: FLEXIBLE ADAPTATION ENGINE FOR ADAPTIVE TRANSVERSAL FILTERS
	Express Mail Label No.: EV 319 023 593 US
Direct all correspondence to Customer No.: 20995	
	Date: December 1, 2003 Page 1 of 2



Mail Stop Patent Application

United States Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. Matthew W. McAdam
2. Andrew S. Wright
3. Bill M. Lye

APPLICATION ELEMENTS:

- (X) Specification in 23 pages;
- (X) Drawings in 9 sheets; and
- (X) A Declaration by Inventors in 2 pages.
 - Originally signed

OTHER APPLICATION PARTS:

- (X) Recordation form cover sheet and Assignment in 3 pages (cover sheet & assignment);
- (X) Information Disclosure Statement and PTO-1449 in 2 total pages (IDS and 1449);
 - (X) 5 references listed, 3 of which are enclosed
- (X) A check in the amount of **\$1,400.00** to cover the Total Fees; and
- (X) A return prepaid postcard.

CONTINUITY INFORMATION:

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	Claims priority to	60/461,065	04/07/03	Pending



17638 U.S. PTO

UTILITY APPLICATIONAttorney Docket No.: **DATUMTE.017A**First Named Inventor: **McAdam, et. al.**Title: **FLEXIBLE ADAPTATION ENGINE FOR
ADAPTIVE TRANSVERSAL FILTERS**Express Mail Label No.: **EV 319 023 593 US****Direct all correspondence to Customer No.: 20995**

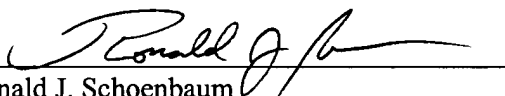
Date: December 1, 2003

Page 2 of 2

FILING FEES:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Basic Utility		1001 (\$770)		\$770.00
Recordation Fee		8021 (\$40)	1 x 40 =	\$ 40.00
Excess Claims > 20	48 - 20 = 28	1202 (\$18)	28 x 18 =	\$504.00
Independent > 3	4 - 3 = 1	1201 (\$86)	1 x 86 =	\$ 86.00
Multiple Claim		1203 (\$290)		\$ 0
			TOTAL FEE DUE	\$1,400.00

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.


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CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : DATUMTE.017A

Applicants : McAdam, et. al.

For : FLEXIBLE ADAPTATION ENGINE FOR
ADAPTIVE TRANSVERSAL FILTERS

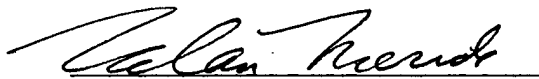
Attorney : Ronald J. Schoenbaum

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Date of Deposit : December 1, 2003

I hereby certify that the accompanying

Transmittal letter; specification in 23 pages; 9 sheets of drawings; Declaration by Inventor in 2 pages; Recordation Form Cover Sheet and Assignment in 3 pages; Information Disclosure Statement and PTO form 1449 in 2 pages; Check for Filing Fee; and a Return Prepaid Postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Nelson Merida

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